Included in package:

- Wiring harness with all connectors and a push/pull switch attached
- Headlights in bezels & tail lights in bezels
- Wire ties
- Paper templates, one for headlight and the other for tail light placement.
- Nuts & bolts for micro switch bracket
- Loom clamps and screws
- Self-tapping screws
- Velcro for attaching fuse block and flasher unit

1. Cut in and install the pair of headlights and pair of tail lights using the paper template included for a pattern.

2. (Disregard this section if your light package does not include turn signals) Mount the turn signal mechanism on the steering column by wrapping electricians’ tape around the steering column approximately 2 inches down from the bottom of the steering wheel. Use enough tape so that you have the width necessary to accommodate the hose clap on the turn signal unit. (The tape will provide insulation and will prevent the turn signal unit from “grounding” when installed.) Place the hose clap over the tape and tighten the turn signal unit securely. Run the wires down the steering column and use the harness cover to cover the wires, making certain that the 9-wire plug protrudes out the bottom.

Connecting the turn signal mechanism: Drill 1 ½” hole under the first drink holder on the driver’s side. Drill it near the corner so that the 9-point plug from the turn signal can reach and be inserted into the hole.

3. Remove the key mechanism panel from the dash and allow the panel to hang down by its wires. Using a 3/8” drill bit, drill a hole into the panel for the placement of the on/off switch. (Picture 1) This switch is the push/pull variety and comes to you connected to the wiring harness. Install the switch by inserting it into the 3/8” hole using the nut in front of the plate to tighten securely.

4. Remove the seat from the cart so as to get to the battery compartment. Working from the driver’s side, and centered between the first pair of batteries and the frame of the cart, begin feeding the wiring harness with the switch end first through that space and toward the floor.

5. Feed the harness through until the leg with the red and black wires is positioned so that those wires can reach batteries #3 and #4 (the pair of batteries that are nearest you) Use a wire tie to secure the main harness to the frame of the car and another wire tie to secure the leg with battery terminals to the frame of the car. However, do NOT attach the wires to the batteries at this time.

6. Now feed both tail light legs beside the frame and over the plastic wheel well cover above the rear tire on the driver's side. (After you get it started from the battery side of the rear wheel, you may have to fish it through from the rear of the car.) Connect the “plug in” from the short leg of the harness to the tail light on the driver's side and run the longer leg of the harness across the rear of the car in front of the rear spring shackles. Connect the passenger side tail light and after taking up all of the slack in the harness use at least 3 wire ties to secure the harness to the car for minimum exposure.
7. Mounting the micro switch and bracket: Depress the micro switch manually about 1/8” until you hear a click. You will be mounting the bracket and switch (Picture 2) just above the brake arm under the car, with the mounting bracket mounted to the underside of the floorboard just above the brake arm. Mount it so that the micro switch button is depressed 1/8” (click). When the switch has clicked it is in the “open” position against the brake pedal arm. Position the bracket appropriately on the underside of the floorboards and mark for the drilling of the two holes. Drill two 7/32” holes and attach the bracket to the floorboards with the two nuts and bolts and washers included. When the brake pedal is depressed, the pedal arm under the car must activate, or release, the micro switch. If an adjustment is needed to activate the micro switch after installation, you have two choices: One is to loosen the nut on the micro switch and adjust the switch up or down, or two there is an adjustment nut on the cart to adjust the brake pedal up or down. After the adjustments have been made, wire tie the harness near the arm of the brake pedal.

8. Going to the front of the cart, work the leg of the harness that has the 9-point connector and the switch wire up around the corner of the bumper/splash panel and from the front and center, push the harness upward toward the dash of the cart. (Reach your hand through the dash opening created by removing the switch plate to find both the leg to the turn signal and the leg to the switch plate. By reaching through this way, you will eliminate removing the cowl from the cart.) Connect the two 9-point connectors for the signal light and push that coupling up into the 1 ½” hole you previously drilled. Attach the two ring terminals to the push/pull switch and reattach that plate to the dash.

9. Both headlights can now be connected and the loom can be secured to the front of the bumper/splash panel by using one loom holder on the driver’s side and one on the passenger side of the bumper/splash panel.

10. Back to the battery compartment to complete the installation: Using the 2 self-tapping screws, attach the fuse panel/terminal block to the metal floor of the cart in the area where a battery charger would be stored. (On a gas cart, the fuse panel could be attached to the wheel well.) The timer switch and the flasher can be mounted in a nearby area using Velcro that is provided.

11. Attach the power supply by connecting the red wire to battery #3 (left/positive) batteries and the black wire to #4 (right/negative) battery and turn on the lights.

12. Use any additional wire ties to secure the harness and all other wires to the cart in all areas so as to prevent loose wires from catching on brush or other obstacles as the cart is driven.
INSTALLATION INSTRUCTIONS

Part Number: LP1002MD & LP1003MD
Description: Light Package for EZGO TXT Deluxe & Ultimate